

Business Technology Alignment (BTA) Architecture Working Group Meeting Minutes 02/17/04

Location:	830 1 st Street, NW, UCP (room 74D1 / 74D2), 9:30 – 11:00
Present:	<div> <div> Jackie Anderson, Financial Partners Jim Coffman, Acquisitions Charles Exum Jr, Operations (CSC) Terry Hardgrave, Pearson EA Team Denise Hill, CIO </div> <div> Paul Hill, Jr, Title IV Corwin Jennings, Ombudsman Colleen Kennedy, ASEDs Matt Portolese, EAI / ITA (Accenture) Deb White, Pearson EA Team </div> </div>
Agenda:	<u>Agenda:</u> <ul style="list-style-type: none"> <input type="checkbox"/> Review / Approve Previous Meeting's Minutes <input type="checkbox"/> Secure Shell (SSH) Follow-up <input type="checkbox"/> Q Pasa <input type="checkbox"/> EA Overview
Action Items:	<p>New:</p> <ol style="list-style-type: none"> February 17 – Charles Exum Jr – CSC to monitor traffic for a fixed period of time (full 7 days minimum) to aid in identifying the level of Telnet and FTP usage for both internal and external (automated and manual) transmissions and the number of clients impacted. Example: IFAP Users use the protocol to change passwords during the batch window and Telnet changes to Interwoven, Ombudsman developers use it to push code. Question: can you categorize the monitor report by internal traffic, external traffic, manual and automated usage, access method and target system? February 17 – Charles Exum Jr – Prior to implementing the SSH server and client, the users need instructions on how to change their automated processes to use the new solution. February 17 – Charles Exum Jr – Prior to implementing the SSH client, the users need instructions on how to use the new client software. February 17 – Paul Hill – Ask external trading partners and companies how they solved the problem of securing Telnet and FTP Transmissions. (One suggestion was VPN). February 17 – Charles Exum Jr – Brief the Business Integration Group on the SSH Topic. February 17 - Charles Exum Jr to research whether Q Pasa is an IBM product and on the same platform as Websphere. <p>Previous (Open):</p> <ol style="list-style-type: none"> July 15 – Denise will address the idea of modifying the business case template to emphasize the requirement of an Architecture Working Group review. Update

	<p>(01/27) EA Team representative, Robin Robison was given the task of reviewing the ED Business Case Template against the required material in the Exhibit 300 submission. Robin presenter her recommendations to Denise and ED. Update 02/17) Robin Robison presented some of her recommendations to OMB representatives Bob Haycock and Beth Wade. Beth Wade will be meeting with FSA (Denise Hill and the EA Team) on March 2nd to further discuss Robin's recommendations and the Exhibit 300 data collection process.</p> <ol style="list-style-type: none"> September 9 – Denise Hill to raise the concern that within FSA, there is no single entity that is responsible for web coordination (within FSA AND to ED) September 9 – Terry Hardgrave and Sandy England to discuss a mechanism for archiving modernization and out-of-date documentation that may need to be searched, but not available for external usage. Update (2/17) Jay Walker (CSC – VDC Operations) will present Archive Recommendations to the Architecture Working Group at the March meeting. September 9 – Colleen Kennedy to present on the topic of adding a bonus pack to Interwoven (content management tool) to the Architecture Working Group for review / approval. Update (2/17) This action item will be addressed in the March Architecture Working Group meeting by Sandy England. October 21 – Denise Hill and Terry Hardgrave to discuss the open questions related to FTP / Telnet and the IG audit. Update (10/28): A meeting was held on October 28 with representatives from the EA Team, Security and VDC. The attendees will review Charles' Commercial SSH vs Open Source SSH report, scan VDC servers to identify what FTP traffic goes through the VDC (and ED). The goal is to derive an FTP and Telnet standard. Update (01/27): Terry Hardgrave will contact NIST regarding Open Source SSH approval. Charles Exum Jr to research the impact to the applications. <p>Closed: n/a</p>
Issues/Risks:	n/a
Next Meeting:	<p>Tuesday, March 9th, 2004 9:30 am – 11:00 am 830 1st Street, NW, UCP (room TBD)</p> <p>Expected Topics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Approval of previous meeting's minutes <input type="checkbox"/> Secure Shell Follow-up <input type="checkbox"/> Interwoven Update <input type="checkbox"/> Archive Recommendations <p>Table Topics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Approach to unique person identifier (i.e., end duplicative identifier issue)

Meeting Discussion Items:

- **Review of Previous Meeting Minutes**

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- ***All items distributed at the meeting should be shared with each respective member's organization.***
 - Previous meeting minutes were reviewed with no changes requested.
 - Bob Wehrle, ITA Team Lead, will be added to the Architecture Working Group distribution list.
- **Secure Shell (SSH) Follow-up**
 - Charles Exum (CSC) provided a follow-up presentation to the research focused on comparing Commercial SSH (Secure Shell) vs. Open Source SSH. ED/FSA has been using unencrypted telnet and FTP utilities to connect to servers within their environment. A recent OIG audit recommended that the use of these unencrypted communication utilities should be ceased.
 - The Architecture Working Group members understand and support the need to move to an SSH solution, the pros / cons of using an open source software solution, and the pending decision to use commercial software for secure Telnet and secure FTP transmissions.
 - WRQ is being demonstrated today to Slawko Semaszczuk / Jerry Schubert (02/17)
 - FSA is leaning toward WRQ which handles Telnet traffic. WRQ is currently working on a Beta version to support FTP. It is estimated that by the time FSA is ready to implement a solution, a production version will be available for FTP.
 - Questions raised by the members (and answers, where available)
 - What is the cost, to the business owners, to perform the memory upgrade to the routers? Answer: No.
 - What is the cost, to the business owners, to upgrade the servers to the new software?
 - Is this a web-based client access point or is software needed on the client desktop? Is any of the client desktop cost passed on to the user? If yes, are there installation procedures?
 - Does the solution work with X-Windows? (Corwin Jennings question on behalf of the Ombudsman's office)
 - What is the cost of changing applications that send telnet and ftp transmissions through automated procedures to the new solution?
 - What are the port changes?
 - The areas that will be impacted by closing this audit item are:
 - All development pushing files to VDC via FTP. There will be an interface change to all 3rd party developers. (still researching actual change required)
 - All who use Interwoven
 - *Trading partners?*

NOTE: The Data Strategy documents identified the protocols being utilized in all interfaces.

 - See New Action Items
 - **Q Pasa**
 - Charles Exum (CSC) presented Q Pasa, a new MQ Series monitoring tool being tested before introducing it into the production environment. VDC Administrators will be the primary users (not the help desk) and will be able to provide real-time feedback on applications; however, it can also be viewed by application points of contact via view authority (a capability Corwin Jennings encouraged CSC to consider). Q Pasa benefits are:
 - Graphical event console
 - User-group security profiles

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- 3-tier architecture
 - customized views
 - reporting
 - paging capability
 - single point of control

There will be no cost to the FSA Business Owners. CSC will absorb all costs.

The Architecture Working Group approved the utilization of this tool if CSC finds no adverse implications during testing.

- **EA Overview**

- Denise Hill presented the Enterprise Architecture (EA) Overview presentation. This presentation provides insight into the activities of the EA task orders, including business process modeling, capital planning and investment control and IT infrastructure. The presentation has been given to Jerry Schubert, Harry Feely and Ganesh Reddy. Denise is also requesting a spot on the Business Integration Group (BIG) calendar in February. During the discussion on the process of collecting FEA-PMO Reference Model material for the Exhibit 300 process, Colleen Kennedy stated that Robin Robison did a marvelous job explaining the reference models and feels she has a good understanding of how they all relate. Corwin Jennings expressed a need for every system / application to be documented in this manner.

- **Adjourn.**

- The next meeting date was not discussed, but is tentatively set for Tuesday, March 9th.